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School faculty, will discuss the situation in Europe.

Three other meetings are scheduled during the remainder of the college year. On Wednesday, March 9, a meeting will be held in the Law School and the subject for discussion will be "Statistical Methods." On Wednesday, May 25, the society will meet in the botanic gardens and discuss "Fertile Border Fields in Scientific Research." The final meeting of the year will be a joint meeting with Phi Beta Kappa in Houston Hall, on Monday, June 13.

The last meeting of the society was held on Tuesday, November 23, at the Art Alliance, 1823 Walnut Street. At that time there was an illustrated lecture on "Modern American illustrations," by Thornton Oakley, '06. Dr. Erwin F. Faber, the illustrator for the medical department, spoke on "Scientific illustration." Dr. Clarence E. McClung, head of the zoological department spoke on "What a scientific illustration should contain." Dr. McClung was recently made national president of the Sigma Xi for a period of two years. Dr. McClung was on leave of absence from the university last year engaged in some special investigation for the government.

FIRST MEETING OF THE CELLULOSE SECTION AMERICAN CHEMICAL SOCIETY

At the cellulose symposium held by the Industrial Division of the American Chemical Society at the meeting in Chicago last September, it was voted to form a permanent Cellulose Section. Following the meeting the necessary steps for organization were taken, and President Noyes appointed Professor Harold Hibbert, of Yale University, chairman of the new section with Gustavus J. Esselen, Jr., secretary. One of the objects of the section is to provide an opportunity for those interested in the practical application of cellulose to get together with those concerned with the more strictly scientific aspects of cellulose chemistry and to afford an opportunity for discussion which should prove mutually helpful.

An interesting program is being arranged for the first meeting of the new section in con-

nection with the meeting of the American Chemical Society in Rochester, N. Y., beginning on April 26. Those having papers which they would like to present before the section are requested to send title and abstract before April first to the secretary, who may be addressed, care Arthur D. Little, Inc., 30 Charles River Road, Cambridge, 39, Massachusetts.

G. J. ESSELEN, JR.,
Secretary

FORESTRY LEGISLATION BY THE NATIONAL GOVERNMENT

HEARINGS on the national forestry program bill, which calls for the expenditure of \$11,000,000 a year for the protection and development of forests, were begun on January 7, before the subcommittee on appropriations of which Representative Anderson is chairman.

Newspaper publishers, paper manufactures, lumbermen, timberland owners wood-using industries, the United States Forest Service and the American Forestry Association were represented.

One million dollars a year for cooperating with the states in protecting the forests from fire, and \$10,000,000 a year for securing additional forest land for the government is being asked as a forward step in the endeavor to secure sufficient lumber and paper pulp for future needs.

R. S. Kellogg, chairman of the national forest program committee, has made the following statement:

This is a paper age, and in the United States, at least, a newspaper age. From an annual consumption of three pounds of news print paper per capita in 1880 we have gone to thirty-five pounds in 1920. The news print paper produced in the United States and Canada this year, if put in the form of a standard roll seventy-three inches wide, such as is used by many of the large newspapers, would unwind 13,000,000 miles. Our daily papers have a circulation in excess of 28,000,000 copies, and there are more than 100 dailies between the Atlantic and Pacific whose circulation exceeds 100,000 copies, and some of them have several times that number.

The proposed legislation has been indorsed by the National Lumber Manufacturers' Asso-

ciation, the American Forestry Association, American Newspaper Publishers' Association, National Wholesale Lumber Dealers' Association, Southern Pine Association, Western Forestry and Conservation Association, American Paper and Pulp Association, United States Forest Service, Society for the Protection of New Hampshire Forests, national forest fire protection committee.

RESOLUTIONS OF THE NATIONAL RESEARCH COUNCIL ON THE DEATH OF HENRY A. BUMSTEAD

As has been recorded in *SCIENCE* Dr. Henry A. Bumstead, professor of physics and director of the Sloane Physical Laboratory at Yale University, and for the past half year on leave from the university as chairman of the National Research Council of Washington, D. C., died suddenly on the train on the night of December 31, while returning from Chicago, where he had been in attendance at the meetings of the American Association for the Advancement of Science and affiliated societies. The following resolution was unanimously adopted at a special meeting of the Interim Committee of the National Research Council, held on January 3, 1921:

Resolved, That the National Research Council learns of the death of Dr. Henry A. Bumstead, chairman of the council, with great sorrow and profound sense of loss. Dr. Bumstead in his association with the council had revealed to its officers and members not only a high capacity for administration, and a most loyal fidelity to the aims and work of the council, but also a sweetness of disposition and personal attractiveness which had won for him the devoted and affectionate regard of all of his colleagues in the council. In his death the council and the scientific world lose a man of most eminent attainments, highest character, and lovable personality.

The National Research Council extends to the bereaved wife and family its deepest sympathy and condolence and wishes to express to them its full appreciation of the great value of the services which Dr. Bumstead rendered it in the period of his association with it and the great loss which it suffers by his untimely death. But may we all remember that "that life is long that answers life's great ends."

SCIENTIFIC NOTES AND NEWS

DR. EDGAR FAHS SMITH, former provost of the University of Pennsylvania, has been elected president of the American Chemical Society. Dr. Smith was president of the society in 1898. Announcement is also made that the ballots of the 15,500 members of the society resulted in the election of the following other officers: Directors, George D. Rosen-garten, of Philadelphia, and Dr. Henry P. Talbot, of the Massachusetts Institute of Technology. Councilors, Dr. Carl L. Alsberg, of the Bureau of Chemistry; Dr. Allen Rogers, of Pratt Institute; Dr. Lauder W. Jones, of Princeton University, and Harrison E. Howe, of the National Research Council.

PROFESSOR C. E. ALLEN, of the department of botany of the University of Wisconsin, was elected president of the Botanical Society of America at the recent meeting in Chicago. He was also named editor-in-chief of *The American Journal of Botany*.

THE Perkin medal of the American Section of the Society of Chemical Industry has been awarded to Dr. Willis R. Whitney, research director of the General Electric Company.

A DISTINGUISHED service medal was awarded at the annual meeting of Gamma Sigma Delta, honorary agricultural society, held in Chicago, to Professor Stephen M. Babcock, inventor of the Babcock milk test and professor emeritus of agricultural chemistry at the University of Wisconsin. Professor Babcock was also made an honorary member of the organization.

MAJOR LAWRENCE MARTIN, the Gilman Memorial lecturer in Geography at Johns Hopkins University for 1920-21, has been demobilized after three and one half years' service in the United States Army, and has entered the State Department in Washington. By order of the secretary of war, after selection by General Pershing and a board of officers, Major Martin has been placed on the General Staff eligible list.

PROFESSOR EDWARD S. MORSE, of Peabody Academy and Boston Museum of Fine Arts, has been elected an honorary member of the East Asiatic Society.